

**Commonwealth of Kentucky
Division for Air Quality**

PERMIT APPLICATION SUMMARY FORM

Completed by: Ibrahim AL-Burai

GENERAL INFORMATION:

Name:	Custom Tool and Manufacturing Co.
Address:	1031 Industry Road Lawrenceburg, KY 40342
Date application received:	4/3/2007
SIC Code/SIC description:	3537, Industrial trucks, Tractors, Trailers, and Stackers
Source ID:	21-005-00022
Agency Interest:	30
Activity:	APE20070002
Permit:	F-07-032

APPLICATION TYPE/PERMIT ACTIVITY:

<input checked="" type="checkbox"/> Initial issuance	<input type="checkbox"/> General permit
<input type="checkbox"/> Permit modification	<input checked="" type="checkbox"/> Conditional major
<input type="checkbox"/> Administrative	<input type="checkbox"/> Title V
<input type="checkbox"/> Minor	<input type="checkbox"/> Synthetic minor
<input type="checkbox"/> Significant	<input type="checkbox"/> Operating
<input type="checkbox"/> Permit renewal	<input checked="" type="checkbox"/> Construction/operating

COMPLIANCE SUMMARY:

<input type="checkbox"/> Source is out of compliance	<input type="checkbox"/> Compliance schedule included
<input checked="" type="checkbox"/> Compliance certification signed	

APPLICABLE REQUIREMENTS LIST:

<input type="checkbox"/> NSR	<input type="checkbox"/> NSPS	<input type="checkbox"/> SIP
<input type="checkbox"/> PSD	<input type="checkbox"/> NESHAPS	<input type="checkbox"/> Other
<input type="checkbox"/> Netted out of PSD/NSR	<input type="checkbox"/> Not major modification per 401 KAR 51:001, 1(116)(b)	

MISCELLANEOUS:

- ☐ Acid rain source
- ☐ Source subject to 112(r)
- ☒ Source applied for federally enforceable emissions cap
- ☐ Source provided terms for alternative operating scenarios
- ☐ Source subject to a MACT standard
- ☐ Source requested case-by-case 112(g) or (j) determination
- ☐ Application proposes new control technology
- ☐ Certified by responsible official
- ☒ Diagrams or drawings included
- ☐ Confidential business information (CBI) submitted in application
- ☐ Pollution Prevention Measures
- ☐ Area is non-attainment (list pollutants):

EMISSIONS SUMMARY:

Pollutant	Allowable	Potential (tpy)
PT/PM10	17.69	17.69
VOC	< 90 *	131.19
Xylene	< 9 *	75.16
Ethylene Benzene	< 9 *	19.64
Diethylene Glycol	< 9 *	17.54
Methyl Isobutyl Ketone	< 9 *	12.53
Toluene	< 9 *	50.76
Methanol	< 9 *	13.10
Cr	< 9 *	0.00
Co	< 9 *	0.01
Mn	< 9 *	9.65
Ni	< 9 *	0.01
Source wide HAPs	< 22.5 *	198.4

* Conditional Major Limitations

SOURCE DESCRIPTION:

Custom Tool and Manufacturing Company is a metal fabrication facility. The facility is classified under SIC code 3537 (Industrial trucks, tractors, trailers, and stackers).

The emission points include:

- EP1 Paint Booth Operations
- EP2 Steel Grit Blasting Room
- EP3 MIG Welding Operations
- EP4 Washer Stamping and Cleaning Operation
- (I1) Parts Cleaning Booth
- (I2) Various Shop Heaters

EMISSIONS AND OPERATING CAPS DESCRIPTIONS:

1. The source has accepted a facility-wide cap on annual individual HAP emission of no more than 9.0 tons per rolling 12-month period. Compliance with this allowable will be demonstrated by record keeping and emissions estimating methodology specified in the terms and conditions of the permit.
2. The source has accepted a facility-wide cap on annual combined HAPS emissions of no more than 22.5 tons per rolling 12-month period. Compliance with this allowable will be demonstrated by record keeping and emissions estimating methodology specified in the terms and conditions of the permit.

3. The source has accepted a facility-wide cap on annual VOC emission of no more than 90 tons per rolling 12-month period. Compliance with this allowable will be demonstrated by record keeping and emissions estimating methodology specified in the terms and conditions of the permit.